

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/012873

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D221/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 682 145 A (CIBA SPECIALTY CHEMICALS HOLDING INC) 15 November 1995 (1995-11-15) cited in the application page 2, line 45 - line 54 claim 19	1-43
X	PATENT ABSTRACTS OF JAPAN vol. 013, no. 205 (C-595), 15 May 1989 (1989-05-15) & JP 01 024852 A (MITSUBISHI KASEI CORP), 26 January 1989 (1989-01-26) cited in the application abstract formula (IV)	1-43
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

8 March 2005

Date of mailing of the international search report

22/03/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JEDLINSKI ET AL: "New Poly'bis(benzimidazobenzisoquinolines)!" MACROMOLECULES, vol. 16, no. 4, 1983, pages 522-526, XP002320323 page 525, compound 4 and the following intermediate of scheme II -----	42, 43
X	DATABASE CA CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 1974, XP002320324 Database accession no. 1974:133889 CAPLUS RN - 51853-12-4 CAPLUS CN - Poly'(1,3-dioxo-1H-benz'de!isoquinoline-2, 6(3H)-diyl)carbonylimino- 1,4-phenylenemethylene-1,4-phenylene! (9CI) (CA INDEX NAME) abstract & YAMAZAKI ET AL: "Syntheses of polymers using 1,4,5-naphthalenetetracarboxylic anhydride. V. Synthesis of polyamide-imides from 1,4,5-naphthalenetetracarboxylic anhydride. 3" NIPPON KAGAKU KAISHI, vol. 12, 1973, pages 2401-2405, -----	42, 43
X	DATABASE CHEMCATS 9 May 2003 (2003-05-09), CATALOG NAME (CO): INTERBIOSCREEN COMPOUND LIBRARY: XP002320325 Database accession no. 2002:146516 CHEMCATS Chemical Name (CN): 1H-Benz'de!isoquinoline-6-carboxamide, 2,3-dihydro-2-(4-methoxyphenyl)-N,N-dimeth yl-1,3-dioxo- CAS Registry No. (RN): 371929-33-8 abstract -----	42, 43
X	DATABASE REGISTRY 21 December 2001 (2001-12-21), XP002320326 Database accession no. RN - 377770-48-4 1H-Benz'de!isoquinoline-6-carboxamide, 2,3-dihydro-N-methyl-1,3-dioxo-N-(phenylme thyl)-2-'3-(trifluoromethyl)phenyl!- (9CI) (CA INDEX NAME) abstract ----- -/--	42, 43

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	<p>& DATABASE CHEMCATS 30 June 2004 (2004-06-30), CATALOG NAME (CO): ENAMINE SCREENING LIBRARY: Database accession no. ACCESSION NO. (AN): 2002:269530 CHEMCATS Chemical Name (CN): 1H-Benz[de]isoquinoline-6-carboxamide, 2,3-dihydro-N-methyl-1,3-dioxo-N-(phenylme thyl)-2'-3-(trifluoromethyl)phenyl- CAS Registry No. (RN): 377770-48-4 abstract</p> <p>-----</p>	42, 43

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Although claims 1-18 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

The use according to claims 1-18 also includes the pharmaceutical use for the treatment of e.g. human or animal skin or hair (see e.g. claim 9).

Continuation of Box II.1

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0682145	A	15-11-1995	AU 689238 B2	26-03-1998
			AU 2000395 A	23-11-1995
			BR 9502015 A	05-03-1996
			CA 2149103 A1	13-11-1995
			DE 69533417 D1	30-09-2004
			EP 0682145 A2	15-11-1995
			GB 2289474 A	22-11-1995
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			NZ 272100 A	26-07-1996
			US 6117189 A	12-09-2000
			ZA 9503826 A	13-11-1995
			AU 685926 B2	29-01-1998
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			GB 2289290 A	15-11-1995
			JP 7310095 A	28-11-1995
			NZ 272099 A	26-11-1996
			US 5800862 A	01-09-1998
			ZA 9503827 A	13-11-1995
			AU 699317 B2	03-12-1998
			AU 2182795 A	18-01-1996
			BR 9502895 A	05-08-1997
			GB 2290803 A	10-01-1996
			JP 8013327 A	16-01-1996
			JP 2004068246 A	04-03-2004
			NZ 272404 A	26-07-1996
			US 5688758 A	18-11-1997
			ZA 9505170 A	02-01-1996
JP 01024852	A	26-01-1989	NONE	